Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 04 Aug 2023 until 23:59 on Saturday 05 Aug 2023

Forecast Issued on Friday 04 Aug 2023 at 03:02

Confidence: High for most aspects. Moderate confidence in showers on Friday and general conditions on Tuesday.

Headline for Friday 04 Aug 2023: Low cloud slowly lifting, then a fine day with bright or sunny spells. Risk of showers, particularly in the east.

Mountain weather hazards on Friday 04 Aug 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Heavy rain showers	Heavy rain showers	Cloudy	Cloudy	Cloudy
Precipitation probability					
20%	40%	40%	30%	20%	20%

Forecast for Friday 04 Aug 2023

Weather: Low cloud and patchy drizzle at first, but cloud will lift and break during the morning to allow for the occasional bright or sunny spell during the afternoon. Showers are likely from mid-morning onwards, particularly in the east of the Peak District, and may be heavy and thundery where they occur. Higher cloud during the late afternoon will thicken from the west during the evening, with rain arriving in the early hours of the morning.

Chance of cloud-free hill tops above 600m: 20% becoming 90%

Low cloud and visibility: Areas of cloud base 300-400m at first, lifting towards 600m by midday, then clearing all summits during the afternoon and breaking up slightly. Lower cloud will then increase again overnight, becoming gradually lower and more extensive. Visibility very poor in any cloud covering hills and in any early drizzle, but generally very good for the rest of the day. Poor visibility in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 04 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/10 W	11/14 NW	11/15 NW	14/19 W	11/15 W	8/13 W	5/8 SW
300	7/10 W	9/13 NW	9/13 NW	13/19 NW	11/17 W	6/11 W	5/7 SW
Valley	5/9 NW	7/13 NW	8/13 NW	11/20 NW	9/17 NW	5/11 W	2/6 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	11/9	12/10	12/10	12/10	10/8	9/8
300	12/11	13/11	14/13	15/13	14/12	13/12	12/11
Valley	13/12	14/13	16/15	16/14	15/13	13/12	12/12
Freezing Level*	2300m	2300m	2100m	2000m	1900m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to High levels of UV despite some cloud, so sun protection is recommended. Note some risk of thundery showers, particularly in the eastern Peak District.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 04 Aug 2023	3mm	20.4mm	31.2mm

Forecast for Saturday 05 Aug 2023

Weather: Cloudy with persistent rain for most of the day, turning heavy at times, and with a low risk of thunder within heavier bursts.

Maximum wind: Easterly becoming northerly 15-20 mph gusting 30 mph

Chance of cloud-free hill tops above 600m: 10%

Low cloud and visibility: Extensive cloud base 300m or below for most of the day. Very poor visibility in cloud covering hills and in heavy rain.

Temperature: **Valleys:** Plus 12 Celsius
At 600m: Plus 9 Celsius
Freezing level: Above the summits.

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